

FIG. 1

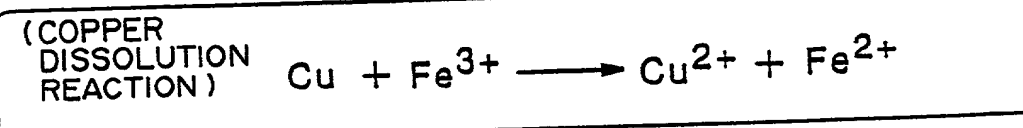
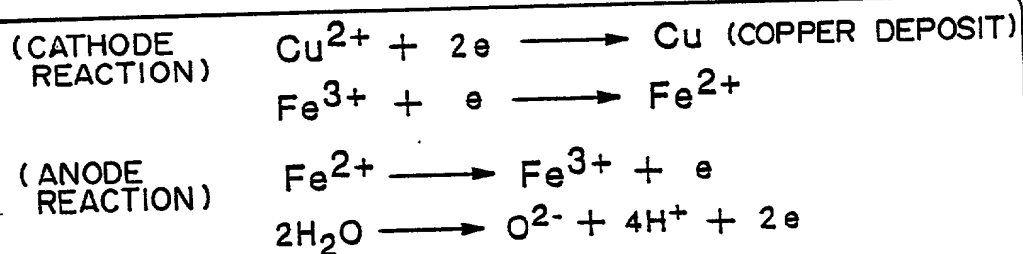
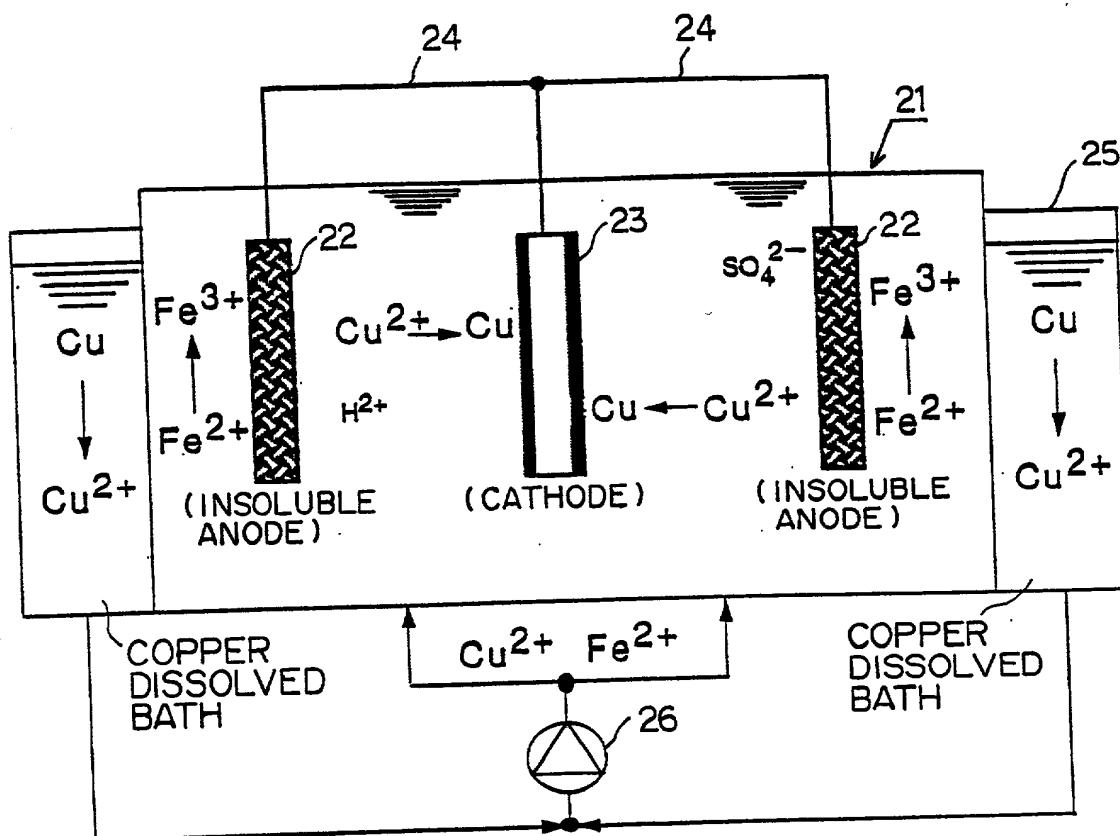
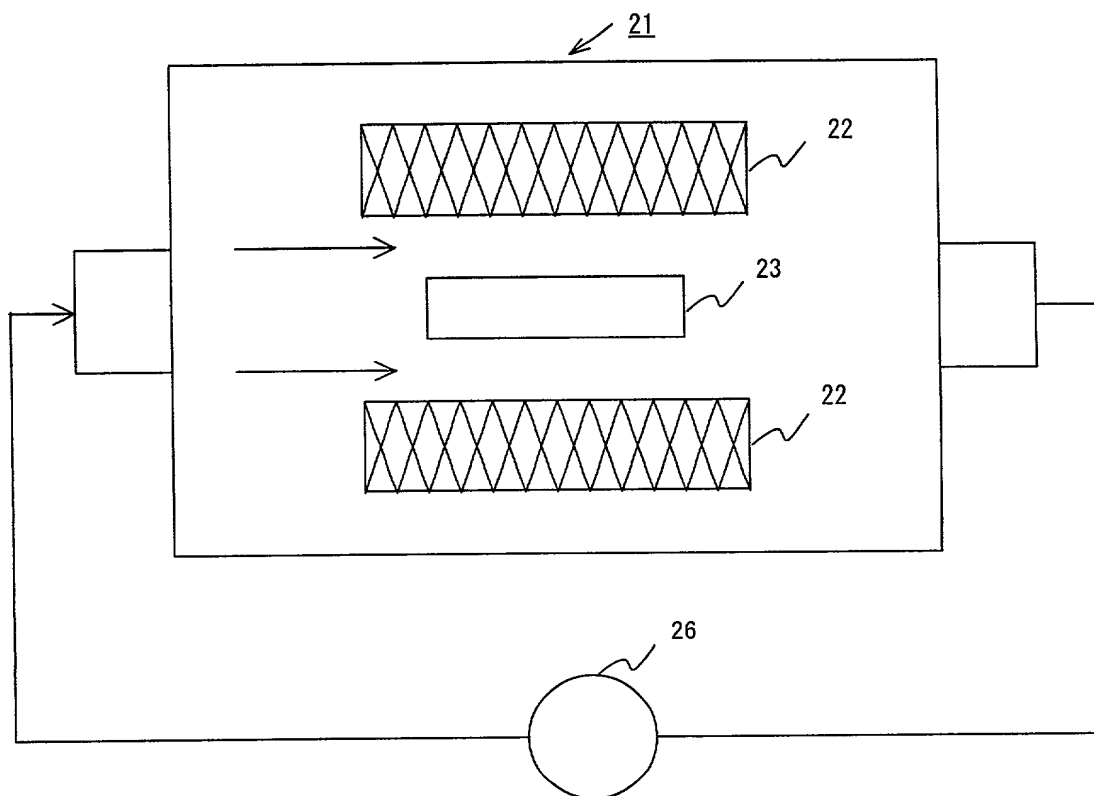


FIG. 2



F I G. 3

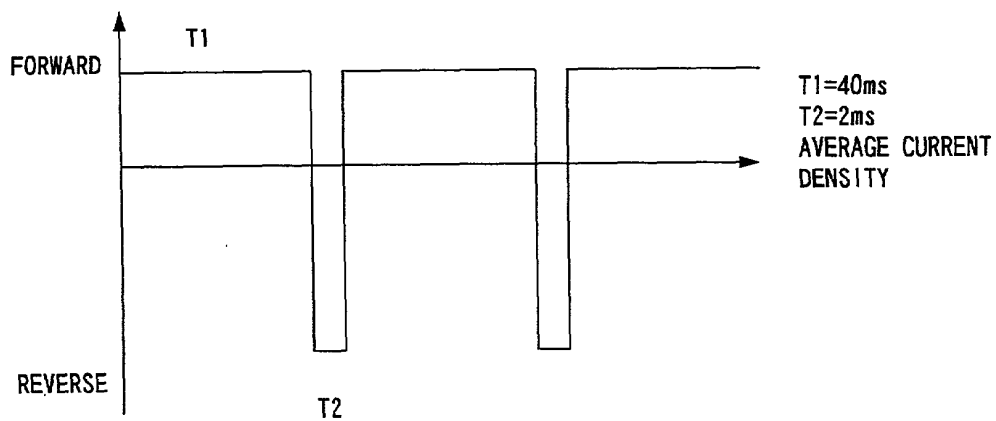


FIG. 4

SAMPLE	PLATING SOLUTION	AVERAGE CURRENT DENSITY	TIME
1	NO Fe IONS	3 A/dm <sup>2</sup>	33.3 MINUTES
2	Fe <sup>2+</sup> 15g/L	3 A/dm <sup>2</sup>	33.3 MINUTES
3	Fe <sup>2+</sup> 0.1g/L	3 A/dm <sup>2</sup>	33.3 MINUTES

F I G. 5

SAMPLE	Fe (gh)	Rz ( $\mu$ m)		Av. ( $\mu$ m)
1	0	3. 334	3. 663	3. 496
2	15	1. 949	1. 694	1. 821
3	0. 1	2. 884	2. 776	2. 830

F I G. 6

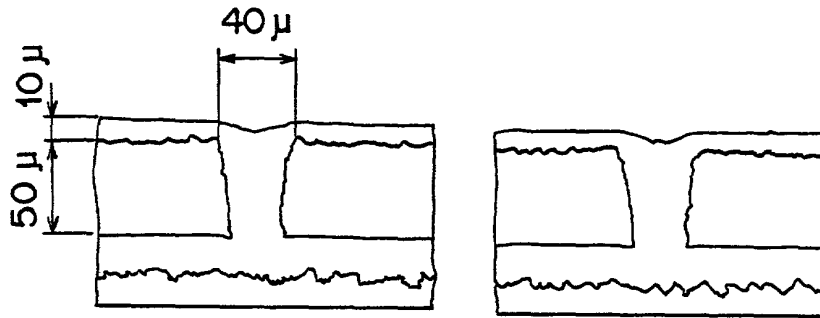


FIG. 7A



FIG. 7B

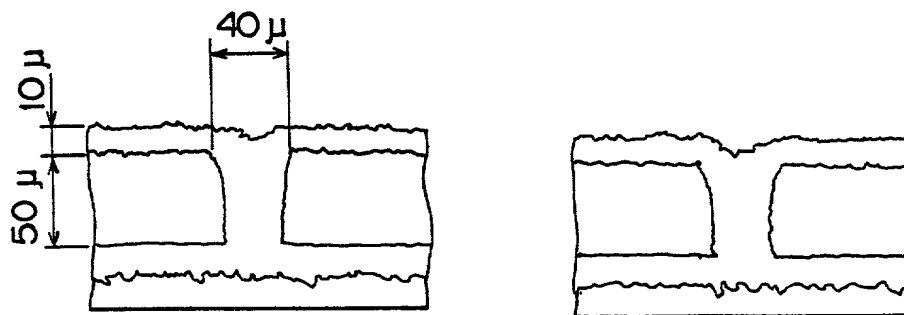


FIG. 8